



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 11:06 PM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 656 Const Calendar Day: 85 Date: 28-Aug-2012 Tuesday

Inspector Name: Bruce, Matt Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 04:00 am 02:30 pm Break: 00:30 Over Time: 02:00

Federal ID:

Location:

Reviewer: Schmitt, Alex

Approved Date:

Status: Submit

04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge

Weather

Temperature 7 AM 50 - 60 12 PM 60 - 70 4PM 70 - 80

Precipitation 0.00"

Condition Fair to mostly sunny

Working Day ☐ If no, explain:

Diary:

Dispute

Work description.

- Completed surveying the additional points requested by TY-Lin designers Paul Chou and Hyat Tazir for the laser scan point cloud at the east end of the bridge with the total station. However one more survey needs to be done with the automatic level since the elevations measured with the total station are not as accurate opposed to using the automatic level.

Once again the few points surveyed today were predominately on the Seismic joint corners of the W-Line SAS. Backsights were set up starting at 4:00am and the survey was completed at 5:50am. The official time of sunrise today was at 6:37am per weather.com. The ambient temperature during the survey was 58F under mostly cloudy skies. The corresponding steel temperature range was from 50F to 55F measured on the W-Line Skyway tub section. Wind speed during the survey was from the West Southwest direction at 2mph and the barometric pressure was 29.98"Hg.

- Verified local offsets of the surveyed points on the Seismic joint corners of the W-Line/E-Line of the SAS and Skyway.

- Prepared for surveying the remaining points with the automatic level early tomorrow morning with Brian Wolcott since he is available to help out with this survey.

- Continued to process the surveying data gathered today, and in recent days.

- Continued to analyze the local measurements taken on the Shear Key and Bearing upper housings in response to RFI 3006R00. A meeting is being scheduled for this critical work related to load transfer.

